

# Wetland Mapping Consortium

**NWI+ Data – What It is and How It's  
Being Used**

# Welcome!

If you have any technical difficulties during the webinar you can send us



a question in the webinar question box or call Laura at (207) 892-3399 during the webinar.

# Presenter



Ralph Tiner, Regional NWI  
Coordinator, Northeast Region,  
U.S. Fish and Wildlife Service

# ASWM Webinar Series Moderator



Jeanne Christie,

Association of  
State Wetland  
Managers


# Agenda



- **Welcome and Introductions (5 minutes)**
- **Saving NWI – Next Steps (10 minutes)**
- **NWI+ Data – What It Is and How It's Being Used (PowerPoint Presentation and Live Demonstration) (40 minutes?)**
- **Questions and Discussion (20 minutes)**
- **Wrap up (5 minutes)**

# Webinar Schedule/Recordings

Association of State Wetland Managers - Protecting the Nation's Wetlands.

**What's New:**

- Less Than Half of Americans Make Anthropogenic Connection
- Clean Water Act 2.0: Rights of Waterways
- Virginia Coastal Partners Workshop: Save the Date
- FGCU appoints director for new Everglades Wetland Research Park
- LA: Expanded Louisiana Coastal Zone Boundary Approved
- Wetland Breaking News - Current Issue

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[Conference Schedule](#)

State Wetland Managers holds webinars on topics of which relate to a specific project and work ASWM holds webinars as part of its members' topics of interest to members. Please click on name below for more details about individual webinars, if you have any questions about a webinar, please contact Laura at [email address] if you are a member, and you missed a part of the members' webinar series, please post the recordings of the webinars going on.

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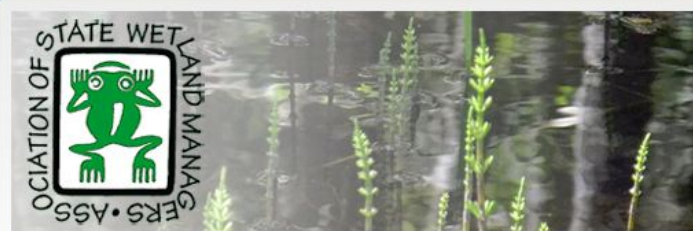
[Stream Identification/Delineation/Mitigation Project](#)



A presentation given during a webinar.

# Webinar Schedule/Recordings

Association of State Wetland Managers - Protecting the Nation's Wetlands.



## What's New:

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## [ASWM Webinars/Conference Schedule](#)

The Association of State Wetland Managers holds webinars on various topics, most of which relate to a specific project and work group. In addition, ASWM holds webinars as part of its members' webinar series on topics of interest to members. Please click on the webinar group name below for more details about individual webinars. In all cases, if you have any questions about registering for a webinar, please contact Laura at [laura@aswm.org](mailto:laura@aswm.org). If you are a member, and you missed a webinar that was part of the members' webinar series, please contact us. We will post the recordings of the webinars going ahead.

### [Members' Webinar Series](#)

[Natural Floodplain Function Alliance \(NFFA\)](#) [Future](#) [Past](#)

[Wetland Mapping Consortium \(WMC\)](#)

[Wetland Restoration Permitting Project](#)

[Wetland Program Plans Project](#)

[Stream Identification/Delineation/Mitigation Project](#)



A presentation given during a webinar.

# WMC Webinars Posted

## Hot Topics

Farm Bill 2012

MS River Flood

Gulf Oil Spill

CWA Guidance

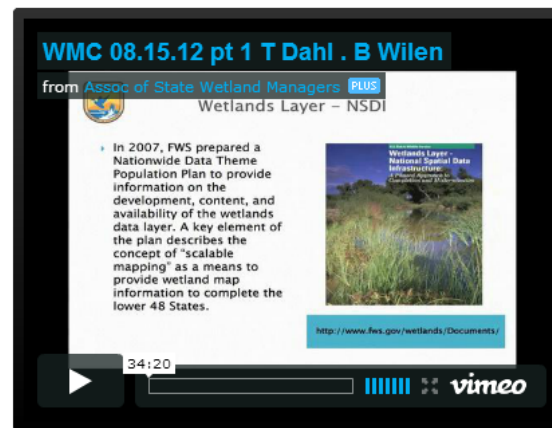


wrap up

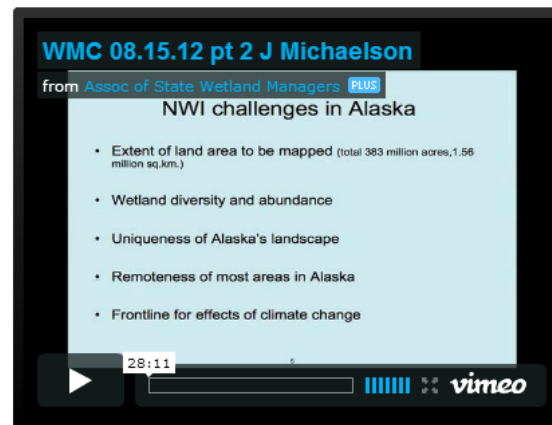
## Wetland Mapping Consortium Project Summary January 2012

August 15, 2012 – 3:00 p.m. EST

- [Scalable Mapping as a Tool to Complete the Wetlands Data Layer](#) – Tom Dahl, Chief, National Standards and Support Team, National Wetlands Inventory, U.S. Fish and Wildlife Service



- [Scalable NWI Mapping Initiatives in Alaska](#) – Julie Michaelson, U.S. Fish and Wildlife Service





# Future Schedule - 2013

- **Wednesday, December 18, 2013 at 3:00 p.m. EST**
- **Creating a Value-Added Wetlands Layer: Enhancing the Utility of Wetland Mapping in Montana** – Karen Newlon, Montana Natural Heritage Program

# 2014 Webinar Topics

- The evolution of NWI mapping and how it has changed: a comparison of old and new methodologies - strengths and weaknesses
- Using LIDAR to look at historic wetland channels
- The use of elevation surface derivatives for mapping wetlands
- Processing the LIDAR data so that it can be interpreted
- How to use time series Landsat data to find disturbance areas
- How to use time series Landsat data to detect changes in vegetation: wetlands vs. nonwetlands
- How to use publicly available data (specifically Google Earth) in photo interpretation of wetlands

# 2014 Webinar Topics


- Using gSURREGO data to identify potentially restorable wetlands
- Mapping forested wetland inundation with the Landsat historic record and mapping the relationship between inundation and stream flow
- Presenting a new method to correct LIDAR intensity for evergreen vegetation and provide highly accurate maps of inundation in forested wetlands
- How to improve stream mapping and develop metrics to characterize wetland-stream connectivity
- Monitoring forested wetland restoration success using radar data
- Estimating surface water volume storage lost to agricultural conversion of wetlands and storage remaining in forested wetlands for the entire Delmarva Peninsula

# Agenda



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- **Future of NWI – Next Steps (10 minutes)**
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# Future of NWI Discussion



**U.S. Fish & Wildlife Service**  
**National Wetlands Inventory**

Fisheries and Habitat Conservation

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### The National Wetlands Inventory Program

The National Wetlands Inventory Program (NWI) has been producing wetland maps and geospatial wetland data for the United States since the mid-1970s. The focus on the program has been on two fronts: 1) map or digital database preparation and delivery to the public, and 2) projecting and reporting on national wetland trends using a probability-based sampling design. The status of mapping has been made available through various media throughout the program's 30-year history (e.g., state atlases, regional status maps, and now through the internet via the Wetlands Mapper online tool).

[Regional Wetlands Coordinators](#) are located in each of the Service's regions. The [National Standards and Support Team](#) is located in Madison, WI, and is the home of the [Wetlands Geodatabase](#) as well as staff providing science and support for all geospatial applications of wetlands data. The [Wetlands Mapper](#) serves as the data discovery mechanism and is managed in cooperation with the U.S. Geological Survey in Madison, WI.

The [U.S. Fish and Wildlife Service](#) (Service) is the principal Federal agency that provides information to the public on the extent and status of the Nation's wetlands. The agency has developed a series of topical maps to show wetlands and deepwater habitats. This geospatial information is used by Federal, State, and local agencies, academic institutions, and private industry for management, research, policy development, education and planning activities. Digital data can be viewed and downloads are available through the [Wetlands Mapper](#).


The [Fish and Wildlife Service](#) is headquartered in Arlington, Virginia, and responsibility for the geospatial wetlands data falls to the Division of Habitat and Resource Conservation.



### NWI Program Overview

The National Wetlands Inventory (NWI) Program was established by the US Fish and Wildlife Service (Service) in 1974 to conduct a nationwide inventory of U.S. wetlands to provide its biologists and others with information on the distribution of wetlands to aid in wetland conservation efforts.

- [Click here to view the Program Overview](#)



[NWI Staff Directory](#)

[Regional Wetlands Coordinators: Contacts & Websites](#)

U.S. Fish and Wildlife Service  
**Branch of Resource and Mapping Support**  
4401 N. Fairfax Drive, Room 830  
Arlington, VA 22203  
Phone: 703-358-2161 Fax: 703-358-1869

U.S. Fish and Wildlife Service  
**National Standards and Support Team**  
505 Science Drive  
Madison, WI 53711-1060

# Actions Underway

- Updated State by State Wetland Mapping Summaries
- Finalized Revisions to Wetland One-Stop Mapping pages
- Draft Letter to Send to FWS Regions, Headquarters, and Others will be forwarded to WMC participants
- Short summary of Uses to NWI, will be forwarded to WMC participants
- Mailing/Contact List will be forwarded to WMC participants
- ASWM will Reach out to other organizations - Association of Fish and Wildlife Agencies, Joint Venture Coordinators to encourage them to take similar actions

# Letter to Send to FWS

Dear Assistant/Regional Director \_\_\_\_\_,

I am asking you and your colleagues at the U.S. Fish & Wildlife Service (FWS) to help secure the future of our nation's wetlands by supporting the continuation of the National Wetlands Inventory (NWI) and increased funding for its programs. The NWI program, established by the FWS in 1974, is one of the oldest and most frequently used government mapping resources. However, its capacity to fulfill its mission has been crippled by a gradual but significant decrease in support by its own parent agency, the FWS. We are urging you to not only continue current levels of financial support, but to reinstate NWI's lost funding in order to secure the future of this incredibly important public resource and to support wetland conservation efforts nationwide. ....

# Ralph Tiner

It will take us a few moments to make the switch....





# Discussion



# Thank You for Participating!

